Name:

p1103: Expand Product of Linear Binomials (v21)

Question 1

Expand the product of linear binomials. $(x-1)(x+9)$

$$x^2+9x-x-9$$

$$x^2+8x-9$$

Question 2

Expand the product of linear binomials. $(x-5)(x+3)$

$$x^2+3x-5x-15$$

$$x^2-2x-15$$

Question 3

Expand the product of linear binomials. $(x+6)(x+8)$

$$x^2+8x+6x+48$$

$$x^2+14x+48$$

Question 4

Expand the product of linear binomials. $(-2x-3)(x+8)$

$$-2x^2-16x-3x-24$$

$$-2x^2-19x-24$$

Question 5

Expand the product of linear binomials. $(-2x-3)(-6x+1)$

$$12x^2-2x+18x-3$$

$$12x^2+16x-3$$

Question 6

Expand the product of linear binomials. $(x+5)(x+5)$

$$x^2+5x+5x+25$$

$$x^2+10x+25$$

Question 7

Expand the product of linear binomials. $(-5x+9)(9x-2)$

$$-45x^2+10x+81x-18$$

$$-45x^2+91x-18$$

Question 8

Expand the product of linear binomials. $(x+7)(x-8)$

$$x^2-8x+7x-56$$

$$x^2-x-56$$

Question 9

Expand the product of linear binomials. $(-2x-2)(5x+1)$

$$-10x^2-2x-10x-2$$

$$-10x^2-12x-2$$

Question 10

Expand the product of linear binomials. $(-4x-5)(3x-2)$

$$-12x^2+8x-15x+10$$

$$-12x^2-7x+10$$